

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
1021.2004-001APPLICATION NO.
10/804,848INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONFIRST NAMED INVENTOR
Yi Hua MaFILING DATE
March 19, 2004NOV 05 2004
November 2, 2004EXAMINER
Not assignedCONFIRMATION NO.
7504GROUP
1724

PATENT & TRADEMARK OFFICE

Use several sheets if necessary)

U.S. PATENT DOCUMENTS


EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
72	AA	2,958,391	11-01-1960	deRosset
	AB	3,413,777	12-03-1968	Langley, <i>et al.</i>
	AC	3,428,476	02-18-1969	Langley, <i>et al.</i>
	AD	4,496,373	01-29-1985	Behr, <i>et al.</i>
	AE	4,589,891	05-20-1986	Iniotakis, <i>et al.</i>
	AF	5,049,167	09-17-1991	Castro, <i>et al.</i>
	AG	5,139,541	08-18-1992	Edlund
	AH	5,205,841	04-27-1993	Vaiman
	AI	5,215,729	06-01-1993	Buxbaum
	AJ	5,217,506	06-08-1993	Edlund, <i>et al.</i>
	AK	5,258,339	11-02-1993	Ma, <i>et al.</i>
	AA2	5,259,870	11-09-1993	Edlund
	AB2	5,358,553	10-25-1994	Najjar, <i>et al.</i>
	AC2	5,393,325	02-28-1995	Edlund
	AD2	5,451,386	09-19-1995	Collins, <i>et al.</i>
	AE2	5,449,848	09-12-1995	Itoh
	AF2	5,498,278	03-12-1996	Edlund
	AG2	5,614,001	03-25-1997	Kosaka, <i>et al.</i>
	AH2	5,652,020	07-29-1997	Collins, <i>et al.</i>
	AI2	5,738,708	04-14-1998	Peachey, <i>et al.</i>
	AJ2	5,782,959	07-21-1998	Yang, <i>et al.</i>
	AK2	5,782,960	06-21-1998	Ogawa, <i>et al.</i>
	AA3	5,904,754	05-18-1999	Juda, <i>et al.</i>
	AB3	6,152,987	11-28-2000	Ma, <i>et al.</i>
	AC3	6,152,995	11-28-2000	Edlund
72	AD3	6,183,542	06-06-2001	Bossard

EXAMINER

Frank Lawrence

DATE CONSIDERED

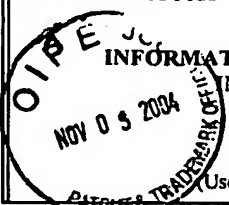
4-27-06

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1021.2004-001		APPLICATION NO. 10/804,848	
 INFORMATION DISCLOSURE CITATION IN AN APPLICATION November 2, 2004 (Use several sheets if necessary)		FIRST NAMED INVENTOR Yi Hua Ma		FILING DATE March 19, 2004	
		EXAMINER Not assigned		CONFIRMATION NO. 7504	

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
<i>sf</i>	AE3	6,267,801	07-31-2001	Baake, <i>et al.</i>
<i> </i>	AF3	6,372,363	06-16-2002	Krueger
<i> </i>	AG3	6,379,524 B1	04-30-2002	Lee, <i>et al.</i>
<i> </i>	AH3	6,419,728	06-12-2002	Edlund
<i> </i>	AJ3	6,475,268	11-05-2002	Thornton
<i> </i>	AJ3	6,547,858	04-15-2003	Edlund, <i>et al.</i>
<i> </i>	AK3	6,596,057	07-22-2003	Edlund, <i>et al.</i>
<i> </i>	AA4	4,056,373	11-01-1977	Rubin
<i> </i>	AB4	5,672,388	09-30-1997	McHenry, <i>et al.</i>
<i> </i>	AC4	2002/083829 A1	07-04-2002	Edlund, <i>et al.</i>
<i>sf</i>	AD4	2002/0164496 A1	11-07-2002	Saloka, <i>et al.</i>

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
<i>sf</i>	AL	EP 1 277 512 A	01-22-2003	Sumitomo Electric Industries	
<i>sf</i>	AM	JP 2000005580 A	11-01-2000	Nippon Metal Ind Co Ltd; Ishikawajima Harima Heavy Ind Co Ltd	X
<i>sf</i>	AN	JP 2000005580 A	11-01-2000	Nippon Metal Ind Co Ltd; Ishikawajima Harima Heavy Ind Co Ltd (Abstract)	
<i>sf</i>	AO	JP 2000005580 A	11-01-2000	Ishikawajima Harima Heavy Ind; Nippon Kinzoku Ind Co Ltd (Derwent Abstract doc. no. XP- 002291004)	
<i>sf</i>	AP	JP 2003290636 A	10-14-2003	NGK Insulators Ltd (Abstract)	X
<i>sf</i>	AQ	WO 03/011433 A1	02-13-2003	Franhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	X

EXAMINER <i>Frank Lawrence</i>	DATE CONSIDERED <i>4-27-06</i>
-----------------------------------	-----------------------------------

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1021.2004-001		APPLICATION NO. 10/804,848	
		FIRST NAMED INVENTOR Yi Hua Ma		FILING DATE March 19, 2004	
		EXAMINER Not assigned		CONFIRMATION NO. 7504	
				GROUP 1724	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JH</i>	AR	Gryaznov, V. M., "Metal Containing Membranes for the Production of Ultrapure Hydrogen and the Recovery of Hydrogen Isotopes," <i>Separation and Purification Methods (now Separation and Purification Reviews)</i> , 29(2):171-187 (2000).
<i>JH</i>	AS	Gryaznov, V. M., <i>et al.</i> , "Preparation and catalysis over Palladium Composite Membranes," <i>Applied Catalysis A: General</i> , 96:15-23 (1993).
<i>JH</i>	AT	Ma, Y. H., <i>et al.</i> , "Characterization of Intermetallic Diffusion Barrier and Alloy Formation for Pd/Cu and Pd/Ag Porous Stainless Steel Composite Membranes," <i>I & EC Research</i> , 43:2936-2945 (2004).
<i>JH</i>	AU	Ma, Y. H., <i>et al.</i> , "Thin Composite Palladium and Palladium/Alloy Membranes for Hydrogen Separation," <i>Ann. N.Y. Acad. Sci.</i> , 984:346 (2003).
<i>JH</i>	AV	Mardilovich, I.P., <i>et al.</i> , "Dependence of Hydrogen Flux on The Pore Size and Plating Surface Topology of Asymmetric Pd-Porous Stainless Steel Membranes," <i>Desalination</i> , 144:85-89 (2002).
<i>JH</i>	AW	Nam, S.-E., <i>et al.</i> , "Hydrogen Separation by Pd Alloy Composite Membranes," <i>J. Membrane Sci.</i> , 192:177-185 (2001).
<i>JH</i>	AX	Ozaki, T., <i>et al.</i> , "Preparation of Palladium-coated V and V-15 Ni Membranes for Hydrogen Purification by Electroless Plating Technique," <i>Int. J. Hydrogen Energy</i> , 28:297 (2003).
<i>JH</i>	AY	Roa, F., "Preparation and Characterization of Pd-Cu Composite Membranes for Hydrogen Separation," <i>Chem. Eng. J.</i> , 93:11 (2003).
<i>JH</i>	AZ	Roa, F., <i>et al.</i> , "The Influence of Alloy Composition on The H ₂ Flux of Composite Pd-Cu Membranes," <i>Desalination</i> , 147:411-416 (2002).
<i>JH</i>	AR2	Shu, J., <i>et al.</i> , "Structurally Stable Pd-Ag Alloy Membranes: Introduction of a Diffusion Barrier," <i>Thin Solid Films</i> , 286:72-79 (1996).

EXAMINER <i>Lucretia Lawrence</i>	DATE CONSIDERED 4-27-06
--------------------------------------	----------------------------

